

APPLICATION NUMBER: 10/052987

ART UNIT: 1755

FIGURE TO BE PUBLISHED: None

US CLASSIFICATION INFORMATION:

PRIMARY:  
CLASS: 106 / SUBCLASS: 31.27

SECONDARY:  
CLASS: 106 / SUBCLASS: 31.43

CLASS: 102 / SUBCLASS: 31.48, 31.5, 31.49

CLASS: 8 / SUBCLASS: 673 AY23

CLASS: 8 / SUBCLASS: 658 AB3, AB7

CLASS: 8 / SUBCLASS: 688

8 661 658

INTERNATIONAL CLASSIFICATION INFORMATION:

PRIMARY:  
IPC: C09D 11/00

SECONDARY:

IPC: C09B 1/00 } Check

IPC: C09B 47/04

IPC: C09B 29/00

IF MORE PGPUB INPUT NEEDED FROM  
ANOTHER AU, THEN LIST THAT AU: \_\_\_\_\_

*in system*

*JHL*

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 1934-21-0 REGISTRY  
CN 1H-Pyrazole-3-carboxylic acid, 4,5-dihydro-5-oxo-1-(4-sulfophenyl)-4-[(4-sulfophenyl)azo]-, trisodium salt (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN C.I. Acid Yellow 23 (7CI)  
CN C.I. Acid Yellow 23, trisodium salt (8CI)  
OTHER NAMES:  
CN 1310 Yellow  
CN 1409 Yellow  
CN 3-Carboxy-5-hydroxy-1-p-sulfophenyl-4-p-sulfophenylazopyrazole trisodium salt  
CN A.F. Yellow No.4  
CN Acid Leather Yellow T  
CN Acid Yellow 23  
CN Acid Yellow T  
CN Acid Yellow XX-SF  
CN Acilan Yellow GG  
CN Airedale Yellow T  
CN Aizen Tartrazine  
CN Amacid Yellow T  
CN Amacid Yellow T-EX  
CN Atul Tartrazine  
CN B 3014  
CN Bucacid Tartrazine  
CN C.I. 19140  
CN C.I. Food Yellow 4  
CN Calcocid Yellow MCG  
CN Calcocid Yellow XX  
CN Canacert Tartrazine  
CN Certicol Tartrazol Yellow S  
CN Cilefa Yellow T  
CN Curon Fast Yellow 5G  
CN D and C Yellow No. 5  
CN Dolkwal Tartrazine  
CN Duasyn Acid Yellow XX  
CN Duasyn Acid Yellow XX-SF  
CN Duasyn Acid Yellow XX-SF-LP 413  
CN Dye Yellow Lake  
CN E 102  
CN E 102 (dye)  
CN Edicol Supra Tartrazine N  
CN Egacid Yellow T  
CN Egg Yellow A  
CN Erio Tartrazine  
CN Erio Yellow T Supra  
CN Eurocert Tartrazine  
CN FD and C Yellow No. 5  
CN FD&C Yellow No. 5  
CN Fenazo Yellow T  
CN Food Dye Yellow 4  
CN Food dye yellow number 4  
CN Food Yellow 4  
CN Food Yellow No. 4  
CN HD Tartrazine  
CN HD Tartrazine Supra  
CN Hexacert Yellow No. 5  
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for DISPLAY  
DR 12000-64-5, 642-62-6, 1342-47-8, 1342-53-6, 134240-82-7, 50809-64-8,  
139601-06-2, 154881-98-8, 84842-94-4, 117209-34-4, 183808-13-1,  
191807-79-1  
MF C16 H12 N4 O9 S2 . 3 Na

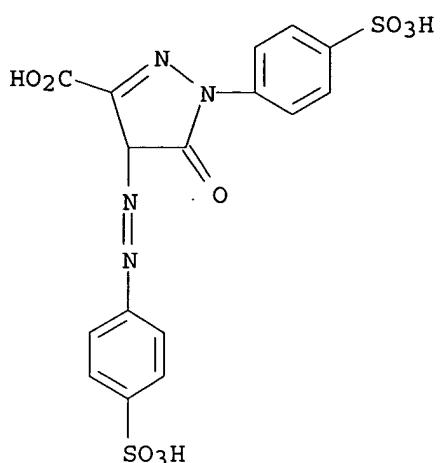
CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,  
CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, IFICDB,  
IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PIRA, PROMT,  
RTECS\*, SPECINFO, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CRN (34175-08-1)



●3 Na

1620 REFERENCES IN FILE CA (1967 TO DATE)

40 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

1627 REFERENCES IN FILE CAPLUS (1967 TO DATE)

51 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 3520-42-1 REGISTRY  
CN Xanthylium, 3,6-bis(diethylamino)-9-(2,4-disulfophenyl)-, inner salt,  
sodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ammonium, [6-(diethylamino)-9-(2,4-disulfophenyl)-3H-xanthen-3-  
ylidene]diethyl-, hydroxide, inner salt, sodium salt (8CI)  
CN C.I. Acid Red 52 (6CI)

OTHER NAMES:

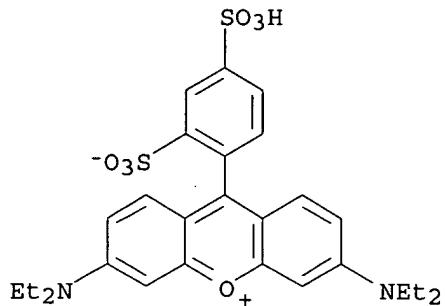
CN Acid Leather Red KB  
CN Acid Red 52  
CN Acid Red B-SF  
CN Acid Red XB  
CN Acid Rhodamine B  
CN Aizen Food Red No. 106  
CN Amacid Rhodamine B  
CN Amido Rhodamine B  
CN Brilliant Acid Rhodamine B  
CN Brilliant Superlan Rhodamine 2B  
CN Brilliant Superlan Rhodamine B  
CN C.I. 45100  
CN Daiwa IJ Red 207H  
CN Duasyn Acid Rhodamine B 01  
CN Duramine Rhodamine B  
CN Erio Acid Red XB  
CN Fenazo Pink XXB  
CN Food Color Red No. 106  
CN Food Red 106  
CN Food Red No. 106  
CN Japan Food Red No. 106  
CN Japan Red 106  
CN Japan Red No. 106  
CN Kayacyl Rhodamine FB  
CN Kayaku Acid Rhodamine BH  
CN Kayaku Acid Rhodamine FB  
CN Kiton Red 620  
CN Kiton Red S  
CN Kiton Rhodamine B  
CN KR 620  
CN Kyton Red  
CN Lissamine Rhodamine B  
CN Lissamine Rhodamine B 200  
CN Neolan Red E-XB  
CN Orient Water Red 27  
CN Phloxine rhodamine  
CN Pontacyl Brilliant Pink  
CN Pro-Jet Red OAM  
CN Red 106  
CN Red no. 106  
CN Rhodamine 200S  
CN Sandolan Rhodamine E-B  
CN Sandolan Rhodamine E-B 400  
CN Solar Rhodamine B  
CN Sulfacid Brilliant Pink 3B  
CN Sulfacid Brilliant Pink 3B 1150  
CN Sulforhodamin B  
CN Sulforhodamine B

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DR 12777-86-5, 103947-10-0, 104298-69-3, 61261-16-3, 74871-35-5, 39470-83-2,  
184827-20-1, 192230-72-1, 204996-41-8, 288323-20-6

MF C27 H30 N2 O7 S2 . Na  
CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CAOLD, CAPLUS, CEN, CHEMCATS, CHEMLIST, CSCHEM, EMBASE,  
IFICDB, IFIPAT, IFIUDB, NIOSHTIC, PROMT, RTECS\*, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)  
CRN (2609-88-3)



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713 REFERENCES IN FILE CA (1967 TO DATE)  
30 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
715 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS

RN 2650-18-2 REGISTRY

CN Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl](2-sulfophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-3-sulfo-, inner salt, diammonium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Alphazurine FG (6CI)

CN Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl](2-sulfophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-3-sulfo-, hydroxide, inner salt, diammonium salt

CN C.I. Acid Blue 9, diammonium salt (8CI)

OTHER NAMES:

CN 11388 Blue

CN A.F. Blue No. 1

CN Acid Blue 9

CN Acid Blue AE-SF

CN Acid Sky Blue A

CN Acilan Turquoise Blue AE

CN AE 85

CN Aizen Brilliant Blue FCF

CN Alphazurine

CN Alphazurine FGND

CN Amacid Blue FG Conc

CN Basacid Green 21L

CN Brilliant Blue

CN Bucacid Azure Blue

CN C.I. 42090

CN C.I. Acid Blue 9

CN C.I. Acid Blue 9 ammonium salt

CN Calcocid Blue 2G

CN Calcocid Blue EG

CN D and C Blue No. 4

CN Daiwa Blue 109H

CN Disulphine Lake Blue EG

CN Duasyn Acid Blue AE

CN Duasyn Acid Blue AE 85

CN Duasyn Acid Blue AE-SF

CN Edicol Supra Blue E 6

CN Erioglaucine

CN Erioglaucine A

CN Erioglaucine E

CN Eriosky Blue

CN Fenazo Blue XR

CN H.K. Formula No. K 7117

CN Hidacid Azure Blue

CN Japan Blue 205

CN Kiton Blue AR

CN Kiton Pure Blue L

CN Maple Brilliant Blue FCF

CN Neptune Blue BRA

CN Orient Water Blue 9

CN Patent Blue 2Y

CN Patent Blue AE

CN Peacock Blue X 1756

CN Pro-Jet Blue OAM

CN Rakuto Brilliant Blue FCF

CN Vitasyn Blue AE 85

CN Water Blue 9

CN Xylene Blue VSG

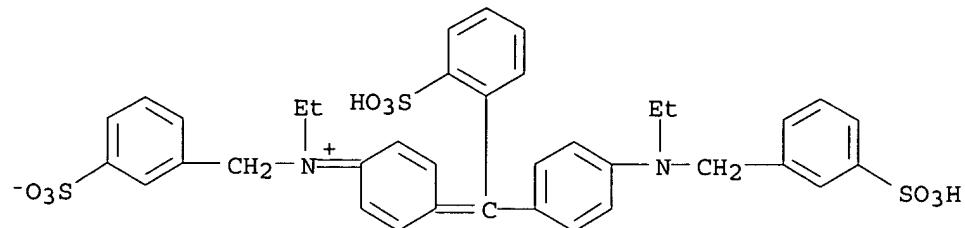
DR 1334-07-2, 55819-29-9, 99149-43-6, 51609-24-6, 37307-55-4, 37307-56-5, 37307-78-1, 86924-52-9, 29519-65-1

MF C37 H36 N2 O9 S3 . 2 H3 N

CI COM

LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD,  
CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE,  
HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS, NIOSHTIC, PIRA, PROMT,  
RTECS\*, TOXCENTER, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CRN (25305-78-6)



●2 NH<sub>3</sub>

694 REFERENCES IN FILE CA (1967 TO DATE)  
15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
697 REFERENCES IN FILE CAPLUS (1967 TO DATE)  
16 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 12222-04-7 REGISTRY  
CN C.I. Direct Blue 199 (8CI, 9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN C.I. 74190  
CN Daiwa Blue 319H  
CN Direct Blue 199  
CN Direct Lightfast Turquoise Blue GB  
CN Direct Lightfastfast Turquoise Blue GB  
CN Fastusol Blue 75L  
CN Inrajet Liquid Blue JE  
CN Levacell Fast Turquoise Blue BLN  
CN Lurantin Light Turquoise Blue FBL  
CN Nylomine Acid Turquoise P-B  
CN Remaderm Blue HBL  
CN Sirius Supra Turquoise Blue FB-LL  
CN Solar Turquoise Blue FBL  
CN Solophenyl Turquoise Blue FL  
DR 12262-76-9  
MF Unspecified  
CI COM, MAN  
LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT,  
IFIUDB, TOXCENTER, USPAT2, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

287 REFERENCES IN FILE CA (1967 TO DATE)

2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

289 REFERENCES IN FILE CAPLUS (1967 TO DATE)

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